

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

Aventis Docket No. **DEAV2002/0066 US NP****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicants: **Cordula Hopmann, et al**

Examiner: Not Yet Assigned

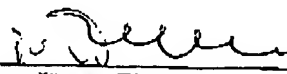
Serial No.: **10/676,715**

Group Art Unit.: Not Yet Assigned

Filed: **October 1, 2003**Title: **HYDROXYPHENYLUNDECANE  
DERIVATIVES, A PROCESS FOR THEIR  
PRODUCTION AND THEIR USE****POWER OF ATTORNEY FOR PATENT APPLICATION**

Mail Stop  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

We, Elmar-Michael Wein and Hans-Jürgen Fischer, Authorized Signatories of Aventis Pharma Deutschland GmbH, Assignee of the above-identified Application, hereby appoint the attorneys and/or agents associated with the Customer No.(s) provided below as attorneys and/or agents with full power to prosecute this application on behalf of Assignee and to transact all of Assignee's business in connection with the above-identified Application in the Patent and Trademark Office:

Customer No.: **005487**Effective Date: October 1, 2003By:   
Elmar-Michael WeinBy:   
Hans-Jürgen FischerTitle: ProkuristTitle: HandlungsbevollmächtigterDate: November 11, 2003Date: November 11, 2003

Address correspondence and telephone calls to:  
James W. Bolcsak, Reg. No. 39,912  
Aventis Pharmaceuticals Inc.  
Patent Department  
Route #202-206 / P.O. Box 6800  
Bridgewater, New Jersey 08807-0800  
Telephone (908) 231-5922  
Telefax (908) 231-2626



JAN 29 2004 2:25PM

AVENTIS US PAT DEPT

NO. 6568 P. 4

2002/066 US

UNITED STATES OF AMERICA

**DECLARATION  
FOR PATENT APPLICATION**

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).  
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed  
and for which a patent is sought on the invention entitled:

**HYDROXYPHENYLUNDECANE DERIVATIVES, A PROCESS FOR THEIR  
PRODUCTION AND THEIR USE**and the specification of which  
(check one)is attached hereto (Aventis Docket No. **DEAV2002/0066 US NP**)was filed on **October 1, 2003** as U.S. Application Number **10/676,715**  
and was amended on (if applicable).was described and claimed in PCT Int'l Application Number filed on  
and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above-identified specification,  
including the claims as amended by any amendment referred to above.  
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to  
be material to patent ability as defined in 37 C.F.R. 1.56.



I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign  
application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at  
least one other country other than the United States of America, listed below and having a filing date before that of  
the application on which priority is claimed. I/We have also identified below any foreign application for patent or  
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign  
Priority:**02022095.0**  
Number**EP**

Country

**02/October/2002**

Day/Month/Year Filed

Prior  
Foreign  
Appln(s):

Number

Country

Day/Month/Year Filed



I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional  
application(s) listed below:

**60/439,629**  
Number**January 13, 2003**  
Filing Date

I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States  
application(s) or international application designating the United States listed below and, insofar as the subject  
matter of each of the claims of this application is not disclosed in the prior United States application in the manner  
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose  
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which  
became available between the filing date of the prior application and the national or PCT international filing date of  
this application.

Application Serial No.

Filing Date

Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information  
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements  
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such  
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.1. Full name: **Cordula Hopmann**Signature: Cordula HopmannDate: 29. October 2003Country of Citizenship: **Germany**Residence: **Berlin/Germany**

(City and State/City and Country only)

P. O. Address: **Niebuhrstr. 66****10629 Berlin, Germany**2. Full name: **Martin Knauf**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: **Germany**Residence: **Root/Switzerland**

(City and State/City and Country only)

P. O. Address: **Bahnhofstr. 5, Postfach 331****6037 Root, Switzerland**

3. Full name: Mark Brönstrup

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: Germany

Residence: Frankfurt/Germany  
(City and State/City and Country only)

P. O. Address: Musikantenweg 16  
60316 Frankfurt, Germany

4. Full name: Astrid Markus-Erb

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: Germany

Residence: Liederbach/Germany  
(City and State/City and Country only)

P. O. Address: Sulzbacher Straße 6  
65835 Liederbach, Germany

5. Full name: Luigi Toti

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: Switzerland

Residence: Hochheim/Germany  
(City and State/City and Country only)

P. O. Address: Frankfurter Straße 5  
65239 Hochheim, Germany

6. Full name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

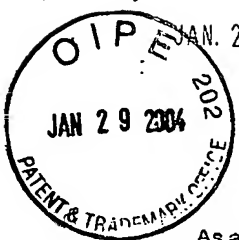
Country of Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_  
(City and State/City and Country only)

P. O. Address: \_\_\_\_\_  
\_\_\_\_\_

Aventis Pharmaceuticals Inc.  
Patent Department  
Route #202-206  
P.O. Box 6800  
Mail Code D-303A  
Bridgewater, NJ 08807-0800  
Telephone (908) 231-5922  
Telefax (908) 231-2626

Aventis Docket No. **DEA V2002/0066 US NP**



JAN. 29. 2004 2:26PM

AVENTIS US PAT DEPT

NO. 6568 P. 6

**DECLARATION  
FOR PATENT APPLICATION**

UNITED STATES OF AMERICA

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s).  
I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed  
and for which a patent is sought on the invention entitled:

**HYDROXYPHENYLUDECANE DERIVATIVES, A PROCESS FOR THEIR  
PRODUCTION AND THEIR USE**

and the specification of which ☐ is attached hereto (Aventis Docket No. DEAV2002/0066 US NP)  
(check one) ☒ was filed on **October 1, 2003** as U.S. Application Number **10/676,715**  
and was amended on (if applicable).  
☐ was described and claimed in PCT Int'l Application Number filed on,  
and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above-identified specification,  
including the claims as amended by any amendment referred to above.  
I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to  
be material to patent ability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign  
application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at  
least one other country other than the United States of America, listed below and having a filing date before that of  
the application on which priority is claimed. I/We have also identified below any foreign application for patent or  
inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign **02022095.0** **EP** **02/October/2002**  
Priority: Number Country Day/Month/Year Filed

Prior   
Foreign App'n(s): Number Country Day/Month/Year Filed

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional  
application(s) listed below:

**60/439,629** **January 13, 2003**  
Number Filing Date

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States  
application(s) or international application designating the United States listed below and, insofar as the subject  
matter of each of the claims of this application is not disclosed in the prior United States application in the manner  
provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose  
information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which  
became available between the filing date of the prior application and the national or PCT international filing date of  
this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information  
and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements  
and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such  
willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: **Cordula Hopmann**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: **Germany**

Residence: **Berlin/Germany**

(City and State/City and Country only)

P. O. Address: **Niebuhrstr. 66**

**10629 Berlin, Germany**

2. Full name: **Martin Knauf**

Signature: \_\_\_\_\_

Date: **29.10.2003**

Country of Citizenship: **Germany**

Residence: **Rapperswil/Switzerland**

(City and State/City and Country only)

P. O. Address: **Herrengasse 8**

**8640 Rapperswil, Switzerland**

3. Full name: Mark Brönstrup

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: GermanyResidence: Frankfurt/Germany  
(City and State/City and Country only)P. O. Address: Musikantenweg 16  
60316 Frankfurt, Germany4. Full name: Astrid Markus-Erb

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: GermanyResidence: Liederbach/Germany  
(City and State/City and Country only)P. O. Address: Sulzbacher Straße 6  
65835 Liederbach, Germany5. Full name: Luigi Toti

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: SwitzerlandResidence: Hochheim/Germany  
(City and State/City and Country only)P. O. Address: Frankfurter Straße 5  
65239 Hochheim, Germany

6. Full name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_  
(City and State/City and Country only)

P. O. Address: \_\_\_\_\_

Aventis Pharmaceuticals Inc.  
Patent Department  
Route #202-206  
P.O. Box 6800  
Mail Code D-303A  
Bridgewater, NJ 08807-0800  
Telephone (908) 231-5922  
Telefax (908) 231-2626

Aventis Docket No. **DEAV2002/0066 US NP**

UNITED STATES OF AMERICA

# DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), I/We hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s). I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## HYDROXYPHENYLUNDECANE DERIVATIVES, A PROCESS FOR THEIR PRODUCTION AND THEIR USE

and the specification of which (check one) ☐ is attached hereto (Aventis Docket No. **DEAV2002/0066 US NP**) ☒ was filed on **October 1, 2003** as U.S. Application Number **10/676,715** and was amended on (if applicable). ☐ was described and claimed in PCT Int'l Application Number filed on and as amended under PCT Article 19 on (if any).

I/We hereby state that I/We have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above. I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to be material to patent ability as defined in 37 C.F.R. 1.56.

☒ I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one other country other than the United States of America, listed below and having a filing date before that of the application on which priority is claimed. I/We have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Foreign Priority: **02022095.0** **EP** **02/October/2002**  
Number Country Day/Month/Year Filed

Prior Foreign Appln(s): Number Country Day/Month/Year Filed

☒ I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below:

**60/439,629** **January 13, 2003**  
Number Filing Date

☐ I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States application(s) or international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No. Filing Date Status (Patented, Pending)

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors(s): ☒ Additional names and signatures are attached.

1. Full name: **Cordula Hopmann**

2. Full name: **Martin Knauf**

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Country of Citizenship: **Germany**

Country of Citizenship: **Germany**

Residence: **Berlin/Germany**

Residence: **Root/Switzerland**

(City and State/City and Country only)

(City and State/City and Country only)

P. O. Address: **Niebuhrstr. 66**

P. O. Address: **Bahnhofstr. 5, Postfach 331**

**10629 Berlin, Germany**

**6037 Root, Switzerland**

3. Full name: Mark Brönstrup  
Signature: *Mark Brönstrup*  
Date: 6. November 2003  
Country of Citizenship: Germany  
Residence: Frankfurt/Germany  
(City and State/City and Country only)  
P. O. Address: Musikantenweg 16  
60316 Frankfurt, Germany

5. Full name: Luigi Toti  
Signature: *Luigi Toti*  
Date: 29 October 2003  
Country of Citizenship: Switzerland  
Residence: Hochheim/Germany  
(City and State/City and Country only)  
P. O. Address: Frankfurter Straße 5  
65239 Hochheim, Germany

4. Full name: Astrid Markus-Erb  
Signature: *Astrid Markus-Erb*  
Date: 30. Oktober 2003  
Country of Citizenship: Germany  
Residence: Liederbach/Germany  
(City and State/City and Country only)  
P. O. Address: Sulzbacher Straße 6  
65835 Liederbach, Germany

6. Full name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
(City and State/City and Country only)  
P. O. Address: \_\_\_\_\_

Aventis Pharmaceuticals Inc.  
Patent Department  
Route #202-206  
P.O. Box 6800  
Mail Code D-303A  
Bridgewater, NJ 08807-0800  
Telephone (908) 231-5922  
Telefax (908) 231-2626

Aventis Docket No. DEAV2002/0066 US NP